3118 DAS – Setup & Calibration Guide

Please download the ISEE software from our website at

http://www.quasarelectronics.com/3118software.htm

If you are upgrading from an earlier version please uninstall this first taking care to first backup any personal files you have created and then install the new version.

Then using the File and Load Options load the file SampleDAS005.suf.

Go to Printer Port and set up the printer port.

Click the Poll I/O button and then click on View to view the readings.

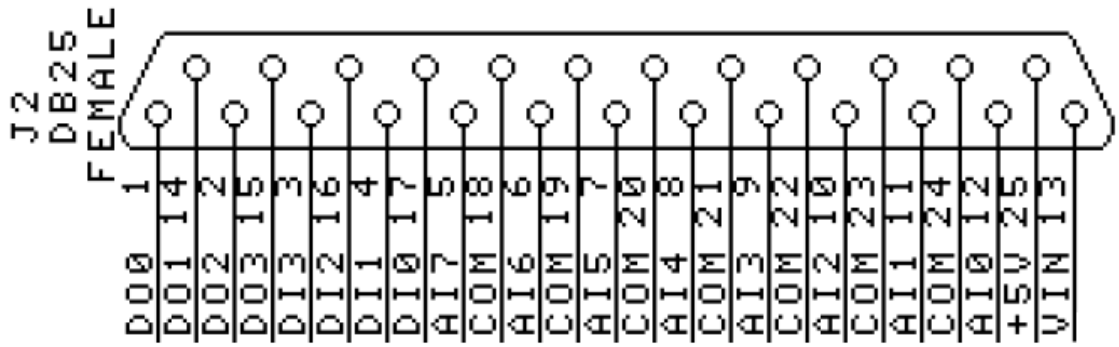
Connect a known voltage to Analog Input 3. They should be reading the correct voltage + or - a few mVs

Connect a voltage of 2 Volts to Analog Input 1. They should be reading close to 50degC.

If both analogue inputs read correctly click off Poll I/O and go to calibration.

Now the calibration only needs to be run once.

Feed approximately 30mV into analogue input 1 and type in the millivolt reading into the input box and click the Offset button. You should see the offset written into the offset box.

Feed approximately 3950mV into analogue input 1 and type in the millivolt reading into the input box and click the Gain button. You should see a figure written into the Gain box.

I/O Pinout